

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5917955".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 16:52
S1	8879	(two adj2 (color\$4 or ink )) with print\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 16:52
S2	1012	S1 and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (black or k or lumin\$7)) and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:52
S5	0	S2 and (multinariz\$5 with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:56
S6	1458	S1 and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near8 (black or k or lumin\$7)) and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:55
S7	0	S1 and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near8 (black or k or lumin\$7)) and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (color or red or blue or green)) and "660678".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:53
S10	11471	(two near2 (color\$4 or ink )) with (reproduc\$5 or print\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:11
S12	2029	S10 and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near8 (black or k or lumin\$7)) and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:13
S13	1	S12 and (multinariz\$5 with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:57
S14	1264	S12 and (multi\$5 with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:57
S15	153	S12 and ((conver\$5 or chang\$5 or transform\$5) near5 multi\$5 with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:14
S16	18	S15 and ((magnif\$7 or zoom\$5 or scal\$5) near8 (black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:14
S17	1	S15 and "660678".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:05

## EAST Search History

S18	21	S15 and ((magnif\$7 or zoom\$5 or scal\$5) near8 (density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:19
S19	11473	((two near2 (color\$4 or ink )) or (two\$5color\$5 or two\$5ink)) with (reproduc\$5 or print\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:59
S20	2029	S19 and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near8 (black or k or lumin\$7)) and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:03
S21	153	S20 and ((conver\$5 or chang\$5 or transform\$5) near5 multi\$5 with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:17
S23	38	S20 and ( (multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:18
S24	172	S20 and ( (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:53
S25	24	S24 and ((magnif\$7 or zoom\$5 or scal\$5) near8 (density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:54
S26	13727	358/1.1,1.2,1.3,1.4,1.9,3.01,3.1,3.21,1.16,500,501,505,515,518,520,521,523,525,528,529,530.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:57
S27	491	S20 and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:52
S28	61	S27 and ( (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:05
S29	11	S28 and ((magnif\$7 or zoom\$5 or scal\$5) near8 (density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:05
S30	9	S29 and ((scan\$6 or read\$5) same (rgb or (red or green or blue)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:05
S31	3	S29 and ((scan\$6 or read\$5) same digit\$6 same (rgb or (red or green or blue)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:58

## EAST Search History

S32	23728	((("2" or two or dual or bi) near2 (color\$4 or ink )) or (bi\$5color\$5 or bi\$5ink or two\$5color\$5 or two\$5ink or "2"\$5color\$5 or "2"\$5ink or dual\$5color\$5 or dual\$5ink )) with (reproduc\$5 or print\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:00
S33	3156	S32 and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near8 (black or k or lumin\$7)) and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:04
S34	776	S33 and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:16
S35	92	S34 and ( (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:31
S36	18	S35 and ((magnif\$7 or zoom\$5 or scal\$5) near8 (density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:16
S37	16	S36 and ((scan\$6 or read\$5) same (rgb or (red or green or blue)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:06
S38	16	S36 and ((scan\$6 or read\$5) same (rgb or (r near2 g near2 b) or (red or green or blue)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:17
S39	3187	399/39,54,178,184,223,298.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:15
S40	2826	382/162,163,167.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:15
S41	882	S33 and (S26 or S39 or S40)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:49
S42	96	S41 and ( (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:16
S43	18	S42 and ((magnif\$7 or zoom\$5 or scal\$5) near8 (density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:16
S44	16	S43 and ((scan\$6 or read\$5) same (rgb or (r near2 g near2 b) or (red or green or blue)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 17:17

## EAST Search History

S45	1	((magnif\$7 or zoom\$5 or scal\$5) near8 (black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (color or red or blue or green))) same (cub\$3 near3 convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:15
S46	9	((magnif\$7 or zoom\$5 or scal\$5) near8 (black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (color or red or blue or green))) and (cub\$3 near3 convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:17
S47	12	((magnif\$7 or zoom\$5 or scal\$5) near8 (density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (color or red or blue or green))) and (cub\$3 near3 convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:38
S48	1	"6765587".pn. and (convolut\$5 with chromin\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:20
S49	2	((magnif\$7 or zoom\$5 or scal\$5) near8 (density or black or k or lumin\$7)) same (cub\$3 near3 convolut\$5)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (chroma\$6 or chromin\$5 or color or red or blue or green)) same (cub\$3 near3 convolut\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:24
S50	0	"5754226".pn. and (interpolat\$5 near5 color)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:29
S51	0	"5754226".pn. and (interpolat\$5 same color)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:30
S52	1	"5754226".pn. and ( color)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:30
S53	2	"5754226".pn. and (interpolat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:31
S54	0	"5754226".pn. and (interpolat\$5 same (color or red or r))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:31
S55	16	((magnif\$7 or zoom\$5 or scal\$5) near8 (L or "L*" or brightness or lightness or density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (chroma\$6 or chromina\$6 or color or red or blue or green))) and (cub\$3 near3 convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:51
S56	0	"6664973".pn. and (cubic with chrom\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:43
S57	1	"6664973".pn. and (cubic same chrom\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:43

## EAST Search History

S58	22	((((magnif\$7 or zoom\$5 or scal\$5) near8 (L or "L*" or brightness or lightness or density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (chroma\$6 or chromina\$6 or color or red or blue or green))) and ((bicub\$3 or bi-cub3 or cub\$3) near3 convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:47
S59	145	((((magnif\$7 or zoom\$5 or scal\$5) and (L or "L*" or brightness or lightness or density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) and (chroma\$6 or chromina\$6 or color or red or blue or green))) and ((cub\$3) near3 convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:48
S60	13745	358/1.1,1.2,1.3,1.4,1.9,3.01,3.1,3.21,1.16,500,501,505,515,518,520,521,523,525,528,529,530.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:49
S61	3188	399/39,54,178,184,223,298.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:49
S62	2831	382/162,163,167.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:49
S63	35	S59 and (S60 or S61 or S62)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:49
S64	58	((((magnif\$7 or zoom\$5 or scal\$5 or interpolat\$5) near8 (L or "L*" or brightness or lightness or density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5 or interpolat\$5) near8 (chroma\$6 or chromina\$6 or color or red or blue or green))) and (cub\$3 near3 convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:51
S65	51	((((magnif\$7 or zoom\$5 or scal\$5 or interpolat\$5) near8 (L or "L*" or brightness or lightness or density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5 or interpolat\$5) near8 (chroma\$6 or chromina\$6 or color or red or blue or green))) and (interpolat\$5 with (cub\$3 near3 convolut\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:18
S66	0	"20020015162".pn. and (cubic with (color or chrom\$8))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:01
S67	0	"20020015162".pn. and (cubic same (color or chrom\$8))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:01
S68	4	(((((magnif\$7 or zoom\$5 or scal\$5 or interpolat\$5) near8 (L or "L*" or brightness or lightness or density or black or k or lumin\$7)) same (cub\$3 near3 convolut\$5)) and (((magnif\$7 or zoom\$5 or scal\$5 or interpolat\$5) near8 (chroma\$6 or chromina\$6 or color or red or blue or green))) same (cub\$3 near3 convolut\$5)) and (interpolat\$5 with (cub\$3 near3 convolut\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:04
S69	11	((((magnif\$7 or zoom\$5 or scal\$5 or interpolat\$5 or resolution) same (L or "L*" or brightness or lightness or density or black or k or lumin\$7)) same (chroma\$6 or chromina\$6 or color or red or blue or green)) same ((cub\$3 near3 convolut\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:25
S70	1	"5699169".pn. and (magnif\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:29

## EAST Search History

S71	0	"5699169".pn. and ((determin\$5 or calculat\$5 or comput\$3) near4 (black or lumin\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:29
S72	0	"5699169".pn. and ((determin\$5 or calculat\$5 or comput\$3 or judg\$5) near4 (black or lumin\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:29
S73	4	"5699169".pn. and ((black or lumin\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:32
S74	0	"5699169".pn. and ("121" or "122") same (black or red)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:32
S75	1	"5699169".pn. and ("121" or "122")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:33
S76	4	"5699169".pn. and (black with bi-level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:35
S77	1	"5699169".pn. and ("121" or "122") same (bi-level or color)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:33
S78	4	"5699169".pn. and (black same bi-level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:36
S79	4	"5699169".pn. and (black)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:06
S80	0	"5673116".pn. and (rgb or green)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:52
S81	1	"5673116".pn. and (blue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:52
S82	1	"5699169".pn. and "908"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:57
S83	1	"5699169".pn. and "101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:04

## EAST Search History

S84	0	"5699169".pn. and ((read adj2 image) with black)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:04
S85	1	"5699169".pn. and ((read adj2 image) same black)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:05
S86	1	"5699169".pn. and (color near5 multi-level with conver\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:10
S87	1	"5699169".pn. and ("103" and "108")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:08
S88	1	"5699169".pn. and (color near2 multi-level )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:10
S89	1	"5699169".pn. and (color near5 multi-level )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:10
S90	11482	((two near2 (color\$4 or ink )) with (reproduc\$5 or print\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:25
S91	2032	S90 and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near8 (black or k or lumin\$7)) and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:20
S92	153	S91 and ((conver\$5 or chang\$5 or transform\$5) near5 multi\$5 with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:22
S93	21	S92 and ((magnif\$7 or zoom\$5 or scal\$5) near8 (density or black or k or lumin\$7)) and ((magnif\$7 or zoom\$5 or scal\$5) near8 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:22
S94	32875	((two near2 (color\$4 or ink )) or (black near4 (red or blue or green or color))) with (reproduc\$5 or print\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:25
S95	369	S90 and ((generat\$5 or produc\$5 or creat\$5 or output\$5 or detect\$5) near8 (black or k or lumin\$7) with (red or blue or green)) and ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:30
S96	292	S90 and ((generat\$5 or produc\$5 or creat\$5 or output\$5 or detect\$5) near8 (black or k or lumin\$7) with (red or blue or green)) same ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:40

## EAST Search History

S97	3	S96 and ((conver\$5 or transform\$5 or chang\$5 or adjust\$5) with (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue)) same ((magnif\$7 or zoom\$5 or scal\$5) with (conver\$5 or transform\$5 or chang\$5 or adjust\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:36
S98	3	S96 and ((conver\$5 or transform\$5 or chang\$5 or adjust\$5) with (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue)) and ((magnif\$7 or zoom\$5 or scal\$5) with (conver\$5 or transform\$5 or chang\$5 or adjust\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:38
S99	4	S96 and ((conver\$5 or transform\$5 or chang\$5 or adjust\$5) with (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue)) and ((magnif\$7 or zoom\$5 or scal\$5) with (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:41
S10 0	783	S94 and ((generat\$5 or produc\$5 or creat\$5 or output\$5 or detect\$5) near8 (black or k or lumin\$7) with (red or blue or green)) same ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:42
S10 1	5	S100 and ((conver\$5 or transform\$5 or chang\$5 or adjust\$5) with (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue)) and ((magnif\$7 or zoom\$5 or scal\$5) with (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:44
S10 2	801	S94 and ((generat\$5 or produc\$5 or creat\$5 or output\$5 or detect\$5 or determin\$5 or judg\$5 or discriminat\$5) near8 (black or k or lumin\$7) with (red or blue or green)) same ((generat\$5 or produc\$5 or creat\$5 or output\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:42
S10 3	5	S102 and ((conver\$5 or transform\$5 or chang\$5 or adjust\$5) with (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue)) and ((magnif\$7 or zoom\$5 or scal\$5) with (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:45
S10 4	11	S102 and ((conver\$5 or transform\$5 or chang\$5 or adjust\$5) with (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue)) and ((magnif\$7 or zoom\$5 or scal\$5) with (color or red or green or blue or black or density or k or lumin\$7 or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:46
S10 5	9	S104 and ((scan\$5 or read\$5) same (rgb or (r near3 g near3 b) or (red with blue with green)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:47
S10 6	9	S104 and ((scan\$5 or read\$5) same (rgb or (r near3 g near3 b) or (red same blue same green)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:58
S10 7	1	multinar\$5 with (red or blue or green)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:59



## EAST Search History

S10 8	278	multinar\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:59
S10 9	48	multinar\$5 and print\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:00
S11 0	10	multinar\$5 and "358".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:01
S11 1	196	(bi-level near3 multi-level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:01
S11 2	60	(bi-level near3 multi-level) and "358".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:02
S11 3	125	(bi-level near3 two) and "358".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:08
S11 4	1	"660678".ap. and (binar\$5 near3 (black or density))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:20
S11 5	4803	((input\$5) near8 (black or k or lumin\$7)) same ((input\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:21

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4803	((input\$5) near8 (black or k or lumin\$7)) same ((input\$5) near3 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:47
S2	8	S1 and (((conver\$5 or transform\$5 or chang\$5 or adjust\$5) with (multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue)) same ((magnif\$7 or zoom\$5 or scal\$5) with (color or red or green or blue or black or density or k or lumin\$7 or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5))) and ((magnif\$7 or zoom\$5 or scal\$5) with (black or k or lumin\$7 or density))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:47
S4	12071	((input\$5) near8 (black or k or lumin\$7)) and ((input\$5) near8 (color or red or blue or green))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:47
S5	98	S4 and (((conver\$5 or transform\$5 or chang\$5 or adjust\$5) with (contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue)) same ((magnif\$7 or zoom\$5 or scal\$5) with (contone or (continuous near2 tone) or color or red or green or blue or black or density or k or lumin\$7 or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5))) and ((magnif\$7 or zoom\$5 or scal\$5) with (black or k or lumin\$7 or density))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:09
S6	2	S5 and (binar\$6 with (magnif\$7 or zoom\$5 or scal\$5) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:06
S7	108	S4 and (((conver\$5 or transform\$5 or chang\$5 or adjust\$5) with (contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue)) same ((magnif\$7 or zoom\$5 or scal\$5 or interpolat\$5) with (contone or (continuous near2 tone) or color or red or green or blue or black or density or k or lumin\$7 or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5))) and ((magnif\$7 or zoom\$5 or scal\$5 or interpolat\$5) with (black or k or lumin\$7 or density))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:05
S8	2	S7 and (binar\$6 with (magnif\$7 or zoom\$5 or scal\$5) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:06
S9	2	((magnif\$7 or zoom\$5 or scal\$5) with ((contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) near3 (color or red or green or blue))) same (binariz\$5 near4 (magnif\$7 or zoom\$5 or scal\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:14
S10	5	((magnif\$7 or zoom\$5 or scal\$5) with ((contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) near3 (color or red or green or blue))) same (binariz\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:15
S11	13	((magnif\$7 or zoom\$5 or scal\$5) with ((contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) near3 (color or red or green or blue))) and (binariz\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:17

## EAST Search History

S12	2	((magnif\$7 or zoom\$5 or scal\$5) with ((contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))) and (binariz\$5 or bi-level)) and (cub\$3 near3 convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:34
S13	121	((magnif\$7 or zoom\$5 or scal\$5) same ((contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))) same (binariz\$5 or bi-level))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:35
S14	6	((magnif\$7 or zoom\$5 or scal\$5) same ((contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))) same (output\$5 with (binariz\$5 or bi-level)) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:40
S15	218	((magnif\$7 or zoom\$5 or scal\$5) same ((contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))) and (output\$5 with (binariz\$5 or bi-level)) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:46
S16	90	S15 and ((input\$5 or scan\$5 or read\$5) near5 (rgb or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:44
S17	2	S15 and ((input\$5 or scan\$5 or read\$5) near5 (rgb or red or green or blue)) and (cub\$5 same convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:45
S18	2	S15 and (cub\$5 same convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:50
S19	179	((magnif\$7 or zoom\$5 or scal\$5 or ((enlarg\$5 or reduc\$5))) same ((contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))) and (output\$5 with (binariz\$5 or bi-level)) ) and (image near4 (enlarg\$5 or reduc\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:48
S20	256	((magnif\$7 or zoom\$5 or scal\$5 or ((enlarg\$5 or reduc\$5))) same ((contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))) and (output\$5 with (binariz\$5 or bi-level)) ) and (image near4 (magnif\$7 or zoom\$5 or scal\$5 or enlarg\$5 or reduc\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:48
S21	279	((magnif\$7 or zoom\$5 or scal\$5 or (((adjust\$6 or chang\$5 or increas\$5 or reduc\$5 or modif\$7 or varying or vary or var\$5) near3 resolution) or enlarg\$5 or reduc\$5))) same ((contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))) and (output\$5 with (binariz\$5 or bi-level)) ) and (image near4 (resolution or magnif\$7 or zoom\$5 or scal\$5 or enlarg\$5 or reduc\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:28
S22	2	S21 and (cub\$5 same convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:50

## EAST Search History

S23	172	((magnif\$7 or zoom\$5 or scal\$5 or (((adjust\$6 or chang\$5 or increas\$5 or reduc\$5 or modif\$7 or varying or vary or var\$5) near3 resolution) or enlarg\$5 or reduc\$5))) with ((contone or (continuous near2 tone) or multilevel or multi-level or multi-gradation or (multi\$3 adj2 (level or gradation)) or multi\$2nar\$5 or ternar\$5 or quaternar\$5) with (color or red or green or blue))) and (output\$5 with (binariz\$5 or bi-level)) ) and (image near4 (resolution or magnif\$7 or zoom\$5 or scal\$5 or enlarg\$5 or reduc\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:53
S24	53	S23 and "358".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:05
S25	1	"5165071".pn. and (multi\$7 with (r or g or b or red or blue or green or rgb))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:06
S26	1	"5165071".pn. and (multi\$7 with (r or g or b or red or blue or green or rgb)) same magnif\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:06
S27	1	"5165071".pn. and (multi\$7 with (r or g or b or red or blue or green or rgb)) and magnif\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:06
S28	9	(multinar\$6 with (color or red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:20
S29	5	(multinar\$6 with (color or red or green or blue)) with (binary)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:19
S30	5	(multinar\$6 with (color or red or green or blue)) same (binary)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:19
S31	0	(multinar\$6 with multi-level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:20
S32	0	(multinar\$6 same multi-level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:21
S33	2	(multinar\$6 and multi-level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:20
S34	0	(multinar\$6 same multi-gradat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:21

## EAST Search History

S35	0	(multinar\$6 same multiple same gradat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:22
S36	8	(multinar\$6 same gradat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:23
S37	0	(multinar\$6 same ((conver\$5 or flip\$5 or chang\$5) with "0" with "255"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:24
S38	0	(multinar\$6 same ((conver\$5 or flip\$5 or chang\$5) with "1" with "255"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:25
S39	0	(multinar\$6 and ((conver\$5 or flip\$5 or chang\$5) with "1" with "255"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:25
S40	3	(multinar\$6 and ("1" with "255"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:25
S41	25	((multi-level or multi\$6level) same ((conver\$5 or flip\$5 or chang\$5) with "1" with "255"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:26
S42	3154	((magnif\$7 or zoom\$5 or scal\$5) near5 (pixel) with color)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:29
S43	1	"660678".ap. and (binariz\$5 same "0" same black)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:37
S44	2	"6765587".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:37
S45	1	"6765587".pn. and (convolut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:38
S46	1	"6765587".pn. and (convolut\$5) same color	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:40
S47	1	8-251400	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:41

## EAST Search History

S48	44	"251400"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:47
S49	1	"251400" and convolut\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:41
S50	0	08-251400	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:47
S51	1	8-251400	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:47
S52	1	convolut\$5 and "251400"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:48
S53	16	color with (cub\$3 adj2 convolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:56
S54	2	"04385" and xie	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:55
S55	17	(red or green or blue or color) with (cub\$3 adj2 convolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 16:59
S56	190	(cub\$3 adj2 convolut\$5) same ((magnif\$7 or zoom\$5 or enlarg\$5 or siz\$3 or (interpolat\$5 near3 pixel)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:06
S57	12	(cub\$3 adj2 convolut\$5) same color same image same ((magnif\$7 or zoom\$5 or enlarg\$5 or siz\$3 or (interpolat\$5 near3 pixel)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:27
S58	1	"6501492".pn. and black	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:28
S59	0	"6501492".pn. and color same bi\$2level	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:28
S60	0	"6501492".pn. and color	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:29

## EAST Search History

S61	0	"6501492".pn. and red	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:29
S62	0	"6501492".pn. and yellow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:29
S63	0	"6501492".pn. and ymck	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:31
S64	0	"6501492".pn. and mono\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:31
S65	1	"6501492".pn. and white	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:37
S66	1	"660678".ap. and (multinar\$5 same black)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:38
S67	450	(conver\$5 or transform\$5) with (multi\$3level or multi\$3nar\$5) with color	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:41
S68	180	S67 and (color with (red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:40
S69	48	S67 same (color with (red or green or blue))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 18:40
S70	16	(conver\$5 or transform\$5) adj4 (bi\$3level or binar\$5) adj4 (multi\$3level or multi\$3nar\$5) with color	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 09:51
S71	0	(input\$5) near3 (bi\$3level or binar\$5) same (output\$5 near3 (multi\$3level or multi\$3nar\$5)) same (rgb or (r near3 g near3 b) or red or green or blue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 09:52
S72	6	(input\$5) near3 (bi\$3level or binar\$5) same (output\$5 near3 (multi\$3level or multi\$3nar\$5)) and (rgb or (r near3 g near3 b) or red or green or blue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 09:57
S73	1	(bi\$3level or binar\$5) same "0" same ("255" or "256") same (output\$5 near3 (multi\$3level or multi\$3nar\$5)) and (rgb or (r near3 g near3 b) or red or green or blue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 09:59

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S74	62	(bi\$3level or binar\$5) same "0" same ("255" or "256") same ((multi\$3level or multi\$3nar\$5)) and (rgb or (r near3 g near3 b) or red or green or blue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:02
S75	34	(bi\$3level or binar\$5) same "0" same "1" same ("255" or "256") same ((multi\$3level or multi\$3nar\$5)) and (rgb or (r near3 g near3 b) or red or green or blue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:36
S76	2	"5917955".pn. and ("0" or "1" or "255" or "256")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:14
S77	1	"5917955".pn. and ("0" same "1" same ("255" or "256"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:21
S78	1	"5917955".pn. and ("0" same black) and (white same "1")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:23
S79	0	"5917955".pn. and ("0" same black) and (white same "25")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:23
S80	1	"5917955".pn. and ("0" same black) and (white same "255")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:24
S81	0	"5917955".pn. and ("0" same black) and (white with "255")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:24
S82	0	"5917955".pn. and ("0" same black) and (white with M)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:27
S83	1	"5917955".pn. and ("0" with "1") same ("0" with "255")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:28
S84	1	"5917955".pn. and (input\$5 with "0" with "1") and (output\$5 with "0" with "255")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:46
S85	0	"5917955".pn. and ( "0" with "1") same N=S72	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:31
S86	0	"5917955".pn. and ( "0" with "1") same "N=2"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:31



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S87	0	"5917955".pn. and "N=2"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:31
S88	1	"5917955".pn. and ( "0" with "1")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:50
S89	7228083	"5917955".pn. and "255" or "16"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:34
S90	1	"5917955".pn. and ("255" or "16")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:34
S91	185	("0" same ((conver\$5 or transform\$5) near5 "1" with ("255" or "256" or multi\$3level or multi\$3nar\$5))) and (rgb or (r near3 g near3 b) or red or green or blue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:37
S92	65	S91 and "358".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:37
S93	1	"5165071".pn. and binariz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:46
S94	1	"5165071".pn. and binariz\$5 same ("0" or "1")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 10:47
S95	4	"6222950".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:01
S96	3	"5775918".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:17
S97	6	"660678".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:35
S98	1	"660678".ap. and red	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:18
S99	1	"660678".ap. and "311"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:21

## EAST Search History

S10 0	113387	((detect\$5 or discriminat\$5 or judg\$5) with color)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:30
S10 1	658	S100 and ((register\$3 or stor\$3 or storing or storage or memory or buffer\$3) with (color near3 (correct\$5 or adjust\$5) near4 (value or parameter or coefficient)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:32
S10 2	55	S100 and ((register\$3 or stor\$3 or storing or storage or memory or buffer\$3) with (color near3 (correct\$5 or adjust\$5) near4 (value or parameter or coefficient))) and ((register\$3 or stor\$3 or storing or storage or memory or buffer\$3) with ((threshold\$5) near4 (value or parameter or coefficient)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:32
S10 3	6	S102 and (threshold\$5 near5 (black or white or gray or lumin\$7 or brightn\$6 or lightn\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:33
S10 4	152711	((detect\$5 or discriminat\$5 or judg\$5) with (red or blue or green or color))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:30
S10 5	660	S104 and ((register\$3 or stor\$3 or storing or storage or memory or buffer\$3) with (color near3 (correct\$5 or adjust\$5) near4 (value or parameter or coefficient)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:34
S10 6	55	S105 and ((register\$3 or stor\$3 or storing or storage or memory or buffer\$3) with (color near3 (correct\$5 or adjust\$5) near4 (value or parameter or coefficient))) and ((register\$3 or stor\$3 or storing or storage or memory or buffer\$3) with ((threshold\$5) near4 (value or parameter or coefficient)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:35
S10 7	6	S106 and (threshold\$5 near5 (black or white or gray or lumin\$7 or brightn\$6 or lightn\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:36
S11 0	949	S104 and ((register\$3 or stor\$3 or storing or storage or memory or buffer\$3) with (color near8 (correct\$5 or adjust\$5) near4 (value or parameter or coefficient)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:34
S11 2	55	S110 and ((register\$3 or stor\$3 or storing or storage or memory or buffer\$3) with (color near3 (correct\$5 or adjust\$5) near4 (value or parameter or coefficient))) and ((register\$3 or stor\$3 or storing or storage or memory or buffer\$3) with ((threshold\$5) near4 (value or parameter or coefficient)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:35
S11 3	0	"660678".ap. and S112	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:54
S11 4	70	S110 and ((register\$3 or stor\$3 or storing or storage or memory or buffer\$3) with (color near8 (correct\$5 or adjust\$5) near4 (value or parameter or coefficient))) and ((register\$3 or stor\$3 or storing or storage or memory or buffer\$3) with ((threshold\$5) near4 (value or parameter or coefficient)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:35
S11 5	12	S114 and (threshold\$5 near5 (black or white or gray or lumin\$7 or brightn\$6 or lightn\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:37

## EAST Search History

S11 6	9	S115 and ((select\$5 or choos\$5 or designat\$5) with (value or parameter or coefficient or threshold\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:38
S11 7	8	S116 and ((select\$5 or choos\$5 or designat\$5) with (((color) with (two or "2")) or ((red or r) near3 (green or g)) or ((red or r) near3 (blue or b))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:40
S11 8	8	S116 and ((select\$5 or choos\$5 or designat\$5) with (((color) with (two or "2")) or ((red or r) with (green or g)) or ((g or green) with (b or blue)) or ((red or r) with (blue or b))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 11:42
S12 6	67	(magnif\$7 or enlarg\$5 or resiz\$5 or zoom\$5 or scal\$5) near4 (multi\$3nar\$6 or multi\$3leve\$5 or (multiple adj2 level)) near5 (color or rgb or (r near3 g near3 b))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 13:50
S12 7	4	S126 and (binariz\$5 with (magnif\$7 or enlarg\$5 or resiz\$5 or zoom\$5 or scal\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 13:48
S12 8	3	S126 and (binariz\$5 with (threshold\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 13:49
S12 9	6	S126 and (binariz\$5 same (threshold\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 13:51
S13 0	103	(magnif\$7 or enlarg\$5 or resiz\$5 or zoom\$5 or scal\$5) with (multi\$3nar\$6 or multi\$3leve\$5 or multi\$3gradat\$5 or (multiple adj2 (gradation or level))) near5 (color or rgb or (r near3 g near3 b))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:16
S13 1	7	S130 and (binariz\$5 same (threshold\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 13:51
S13 2	19	S130 and ((bi\$2level or binary or binariz\$5) same (threshold\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:17
S13 3	1	"5448689".pn. and ((enlarg\$5 or magnif\$7) same (multi\$8) same 2-level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:05
S13 4	1	"5448689".pn. and ((enlarg\$5 or magnif\$7 or reduc\$5) same (multi\$8) and (bi\$2level or binar\$8 or 2-level))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:08
S13 5	1	"5448689".pn. and ((enlarg\$5 or magnif\$7 or reduc\$5) with (multi\$8) and (bi\$2level or binar\$8 or 2-level))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:08

## EAST Search History

S13 6	200	(magnif\$7 or enlarg\$5 or resiz\$5 or zoom\$5 or scal\$5 or reduc\$5) with (multi\$3nar\$6 or multi\$3leve\$5 or multi\$3gradat\$5 or (multiple adj2 (gradation or level))) near5 (color or rgb or (r near3 g near3 b))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:38
S13 7	39	S136 and ((bi\$2level or binary or binariz\$5) same (threshold\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:39
S13 8	3	"5775918".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:35
S13 9	452	(magnif\$7 or enlarg\$5 or resiz\$5 or zoom\$5 or scal\$5 or reduc\$5) with (multi\$3nar\$6 or multi\$3leve\$5 or multi\$3gradat\$5 or (multiple adj2 (gradation or level))) same (color or rgb or (r near3 g near3 b))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:38
S14 0	99	S139 and ((bi\$2level or binary or binariz\$5) same (threshold\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:39
S14 1	86	S139 and ((bi\$2level or binary or binariz\$5) same (threshold\$5)) and ((magnif\$7 or enlarg\$5 or resiz\$5 or zoom\$5 or scal\$5 or reduc\$5) with image)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:40
S14 2	45	S139 and ((bi\$2level or binary or binariz\$5) same (threshold\$5)) and ((magnif\$7 or enlarg\$5 or resiz\$5 or zoom\$5 or scal\$5 or reduc\$5) with image) and "358".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 14:40